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Cedarville College

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WINTER 1994

Engineering Students Learn Through Supermileage Project

Cedarville engineering students are involved in many hands-on projects that allow them to apply the knowledge gained in class, compete against other schools, and work with engineering professionals. The supermileage project represents the engineering students' effort at building a fuel-efficient vehicle from the ground up.

Students started building the supermileage vehicle in Fall 1993, part of the academic requirement for engineering majors. Ten sponsors, including Ryobi, Ashland Chemical, NAPA, and Monte Zinn Chevrolet stepped forward to help the students with this project, donating parts, labor, and advice.

Through working with the sponsors, the students fostered good, working relationships with those in the professional engineering realm, one of the many real-life facets of the project.

The supermileage vehicle houses one driver and a small engine and is designed exclusively for fuel efficiency. The vehicle is powered by an lawn mower engine which the student engineering team modified from three and a half to one horsepower. While the Cedarville vehicle remains untested in actual miles per gallon, similar vehicles have achieved up to 1,500 miles per gallon of fuel.

The culmination of this design activity was a supermileage competition in Marshall, Michigan in which 25 engineering schools competed. Due to mechanical problems, over half of the entries, including Cedarville, did not complete the race, but the Cedarville engineering students finished their work on the car. Team Leader Matt Breneman, a junior from Harrisburg, Pennsylvania, stated that he was very pleased with the way the Cedarville team pulled together to complete the work on the vehicle. He adds that engineering courses, faculty leadership, and advice and supplies from the sponsors were

key in the completion of the vehicle. "We really appreciate the input from the sponsors. They did everything they could to help us. Ashland Chemical sent a representative out to help us on a weekend, driving an hour each way. NAPA let us pick out

the parts we needed from their store. And Monte Zinn Chevrolet painted our vehicle as well as performed some necessary bodywork."

To thank their sponsors, the engineering students held a sponsors' appreciation banquet and invited all who took part in the project to attend. Breneman cites the importance of the professional contacts the students were able to have. "It was beneficial for us to rub shoulders with those in the professional engineering world. We saw how our supermileage project is a real-life example of

what issues engineers are facing today."

The supermileage vehicle was shipped off to Disneyworld in Florida for appearance in the Ashland Chemical Company display at an international composite materials conference. Cedarville was the only college represented at this event.

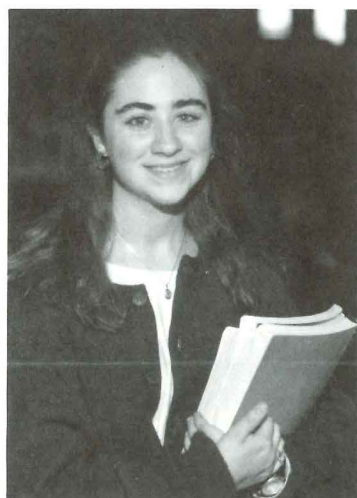
The supermileage project will continue again this school year. Engineering students will continue to refine the vehicle and prepare it for future competition. Dr. Lawrence Zavodney, faculty advisor, associate professor of engineering, and chair of the engineering department commented, "The students pulled together and did a phenomenal job completing their vehicle. I was extremely pleased with their accomplishments. Because of their success, this year they will double their efforts and build two supermileage vehicles to compete."



The 1993-94 Supermileage Team and Vehicle

Pictured, left to right, are Beth Blevins, Dr. Lawrence Zavodney, Brent McKanna, Jerami King, Matt Breneman, Jeff Breneman, Ryan Witters, Charlie Walker, Tobin Strong, and Philip Lehman.

Cedarville Freshman Stands For Abstinence In *Newsweek* Article



Anna Lankhorst appeared in the October 17, 1994 issue of *Newsweek*.

A picture of Anna Lankhorst and her boyfriend appeared in the October 17, 1994 issue of *Newsweek*. Anna, a freshman English education major from Concord, New Hampshire, was tracked down by a *Newsweek* photographer

who learned of her high school valedictory speech on morals and keeping one's self pure. The magazine article was about young people who were choosing abstinence before marriage. Anna reports, "I was excited to be chosen for this—it was a good opportunity to express what God says about a very relevant issue for people my age."

Anna and her boyfriend agreed to let the photographer follow them around for a couple of hours, taking candid pictures of their interaction. The picture that appeared in *Newsweek* is of them sitting on a bench in a park in New Hampshire. The caption reads:

"Dave Warren, 19, and Anna Lankhorst, 18, decided early on in their 18-month relationship not to have sex. Though he's now at Hesser College in Manchester, N.H., and she's at Cedarville College in Ohio, the distance actually tests their resolve. 'You have a lot of emotion,' he says. 'When we see each other, we take it slow.'"

The picture of Anna and her boyfriend was scheduled to be on the front cover of the magazine, but Saddam Hussein made a move in the Middle East and earned front-cover status instead.

During the photography session and during telephone interviews with *Newsweek*, Anna expressed her reasons for choosing abstinence. She explained her obedience to God and the precepts laid down in His Word. Anna says it was a good opportunity for witness. Other young people in the article were choosing abstinence for different reasons. Most were scared of sexually-transmitted diseases, especially AIDS. Some explained that they were "waiting for the right person." A small percentage said that their "religion" was the reason for abstaining from sex. Anna says explaining her beliefs to the media was difficult. "I was really nervous talking to the *Newsweek* people. I was afraid they were going to twist what I said to sound like something else. They kept asking *why* I believe what I believe. They would ask, 'Do your parents control your decision?', or 'Isn't this just how you were brought up?'"

Through *Newsweek*, Anna's stand for the biblical mandate of abstinence before marriage has been read by many people

around the world. But Anna recently found out that one of her friends has made a new commitment to God since reading the article. Anna says, "If I'm affecting one of my own friends—a person I know—my stand for the truths in God's Word could mean a lot to other people who don't even know me."

Anna's boyfriend, Dave, attends a non-Christian college. She explains that he is a Christian and has always held the same beliefs as her about abstinence before marriage. Since the article came out, Dave has been approached by his non-Christian friends who want to know more about his beliefs—more opportunity for witness. "Dave and I really have been able to share Christ more because of this whole experience," Anna says. "The appearance in a national magazine has provided us with a unique method for sharing what it means to be a Christian."

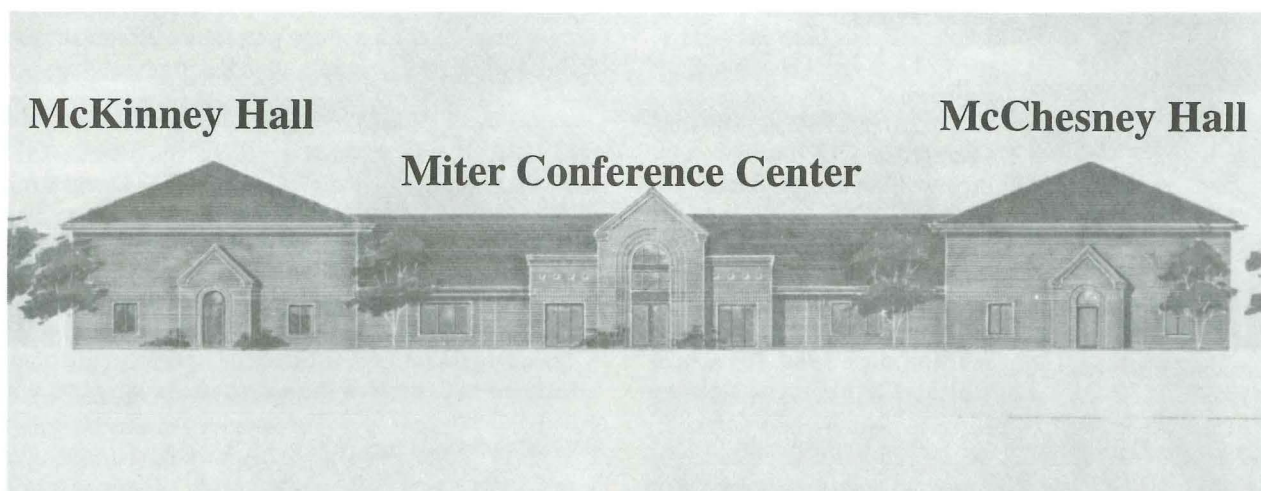
Anna has had a lot of support since the magazine was printed and word is getting back to her about those who have seen the article. "I've received a lot of letters and e-mail from people who wanted to express their support or say 'thanks' for what I said in the magazine and the stand I'm taking; that's very encouraging to me. Students at Cedarville have told me that their friends at other colleges and universities have seen the article as well, so I know the message is getting across to people."

In the long term, Anna would like to use her "fame" to minister to junior-high age kids. "I see junior-high as a critical point for kids. They make a lot of decisions at that age that will affect them for the rest of their lives. I'd like to share with them what the Bible says about abstinence before marriage and help them make a decision about it that will glorify God."

CALENDAR OF EVENTS

January	1	New Year's Day
	3	Winter Quarter classes begin at 8 a.m.
	6	Trustee Meetings
	26	Charter Day
	28	Alumni Basketball Weekend
February	2	Artist Series: Leon Bates
	3-4	Li'l Sibs Weekend
	6-10	Homeless Awareness Week
	9-11	Winter Drama: "Talley's Folly"
	14-16	Staley Foundation Lectureship
March	20	Christian School Recruitment Day
	9-10	Final Exams
	11	Spring Break Begins
	20-24	Spring Missionary Conference
	21	Spring Quarter classes begin at 8 a.m.

New Residence Halls Recall Beginnings



Construction has begun on two residence halls scheduled to open for the fall 1995 term. Named in honor of Dr. David McKinney, Cedarville's first president, McKinney Hall will house 126 women. McChesney Hall, named for Dr. Wilbert McChesney, Cedarville's first faculty member, will house 124 men. The new facilities will relieve some of the pressure created by a growing student population, which reached 2,378 in fall

two residence halls at once, the College can reduce the numbers of both men and women who would have to live off-campus. Currently, 282 of the 545 commuters are eligible to live on-campus. Both residence halls will be connected to CedarNet, the campuswide computer network.

According to Don Rickard, vice president for student services, the two residence halls, to be built across from Willetts Hall, will include many of the best features of other Cedarville living areas. "McKinney and McChesney Halls will each house students and a resident director in a hall-style structure similar to Willetts' wings and Brock Hall," Rickard explains.

McKinney Hall and McChesney Hall will be connected by a versatile structure that will function as a conference center. The unique design of the new complex will make it possible for Cedarville to increase its hosting function by bringing more conferences—like training sessions for Christian organizations—to campus. At Homecoming, President Dixon announced that the connecting structure has been named the Miter Conference Center in appreciation for a long-time friend of Cedarville College and Cedarville students. The Miter Conference Center will be a primary registration and meeting area for summer conferences, but will also provide a social area for students during the school year. Rickard adds, "The new residence halls will be air-conditioned, so conference guests can be housed comfortably in McKinney, McChesney, and Brock, with the conference center close to all those buildings."

Utilizing a connecting structure like the Miter Conference Center also provides students with an additional area to develop healthy social interaction. "While many of our residence halls have lounges that are available to both men and women during the daytime and early evening hours," Rickard says, "We are creating a larger, more functional environment between McKinney and McChesney so male and female students can interact casually while studying, playing ping-pong, watching TV, or just talking as couples or groups."

The commitment to a residential campus has been a Cedarville distinctive for decades, according to Rickard, and is an important part of a Christian college education. By building

PLEASE PRAY FOR...

- Students as they return from holiday break and begin Winter Quarter, that they will dedicate the new calendar year to the Lord and strive to please Him.
- Dr. Tony Evans who will challenge the College family during the Winter Enrichment Conference.
- Administration, faculty, and staff, as they plan for the future, that they will continue to seek the Lord's will.

Bartholomew Named To CLEP Board



Dr. Raymond Bartholomew

Dr. Raymond Bartholomew, professor of English and chair of the Department of Language and Literature, has been invited by the College-level Examination Program (CLEP) to serve on its board and its English Literature Committee. CLEP is the organization that produces national college-credit tests in the various academic disciplines.

Bartholomew's committee is constructing a new English Literature CLEP test, the first revision since 1984. His area is 19th and 20th century literature.

He is the only midwestern professor on the committee and the first from Cedarville College to be named to the board.

Cedarville Holds Computer Conference

Cedarville College and the Ohio Foundation of Independent Colleges co-sponsored an October workshop at Cedarville for colleges and universities to learn about campus computer networking. Over 85 college presidents, administrators, faculty, and computer professionals attended, representing 22 Ohio colleges.

Experts from other institutions joined Cedarville representatives for panel discussions, and attendees toured CedarNet facilities and computer labs. Dr. David Rotman, director of computer services, said, "There's more than one way to provide computer services, and each college has to assess its own needs. We're very happy with the way things have gone at Cedarville and we wanted others to be able to learn from our experience."

Speakers from Cedarville shared how strategic planning efforts led to CedarNet, the campuswide computer network which links over 1200 computers, including workstations in 95% of residence hall rooms.

Variety Of Cultural Activities Available To Students



The King's Singers

Cedarville encourages students to take advantage of many cultural activities during the course of a school year, including concerts, dramas, recitals, and the popular Artist Series. This year, students have already enjoyed the musical talents of the African Children's Choir, harpist Greg Buchanan, and the King's Singers, as well as the drama presentation, *The Diary of*

Anne Frank. Several other cultural activities are planned for the remainder of the school year.

Gaffner Elected Senator Of Association For School, College, and University Staffing



Mr. David Gaffner

David Gaffner, director of the Career Services office, was recently elected as senator of the Association for School, College, and University Staffing (ASCUS), a national organization. He will represent the midwest district for those involved with employment of teacher candidates, including those in college career offices as well as public school districts. Gaffner also recently served on an education and placement task team for the Ohio Board of Education

developing procedures for licensing new teachers.

The Career Services office assists students in looking for full- or part-time employment or internships as well as providing specialized services in resume development, interest tests, and information on companies across the nation.

Faculty Music Recital:

Mr. Charles Pagnard

December 2, 1994, 8 p.m.

A.D. Players

December 2 and 3, 1994, 8 p.m.

Oratorio

December 4, 1994, 3 p.m.

Lab Band Concert

December 5, 1994, 3 p.m.

Chamber Music Night

January 20, 1995, 8 p.m.

Lab Band Show

January 27, 1995, 8 p.m.

Artist Series: Leon Bates

February 2, 1995, 8 p.m.

Winter Drama:

"Talley's Folly"

February 9-11, 1995

Symphonic Band Concert

February 10, 1995, 8 p.m.